

Figure 1

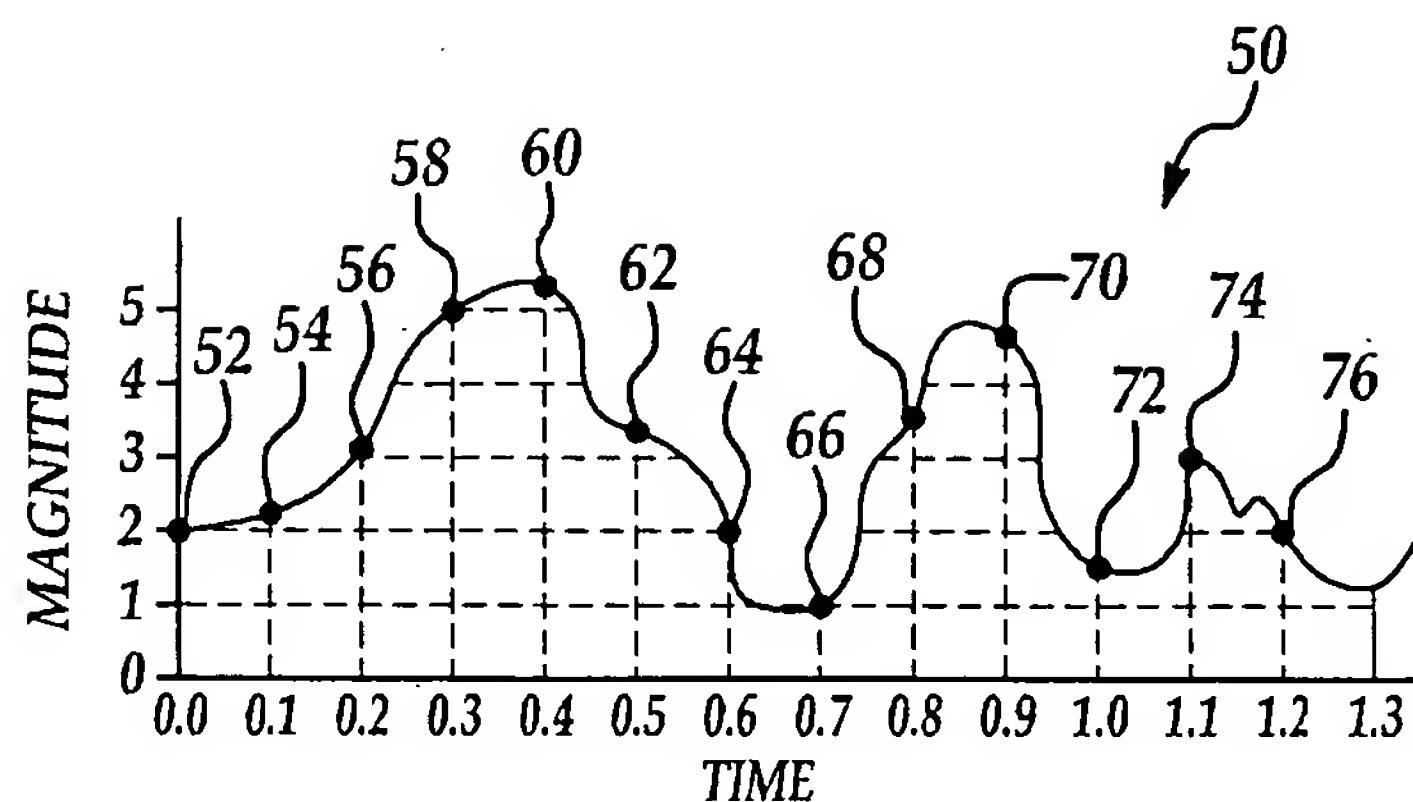


Figure 2

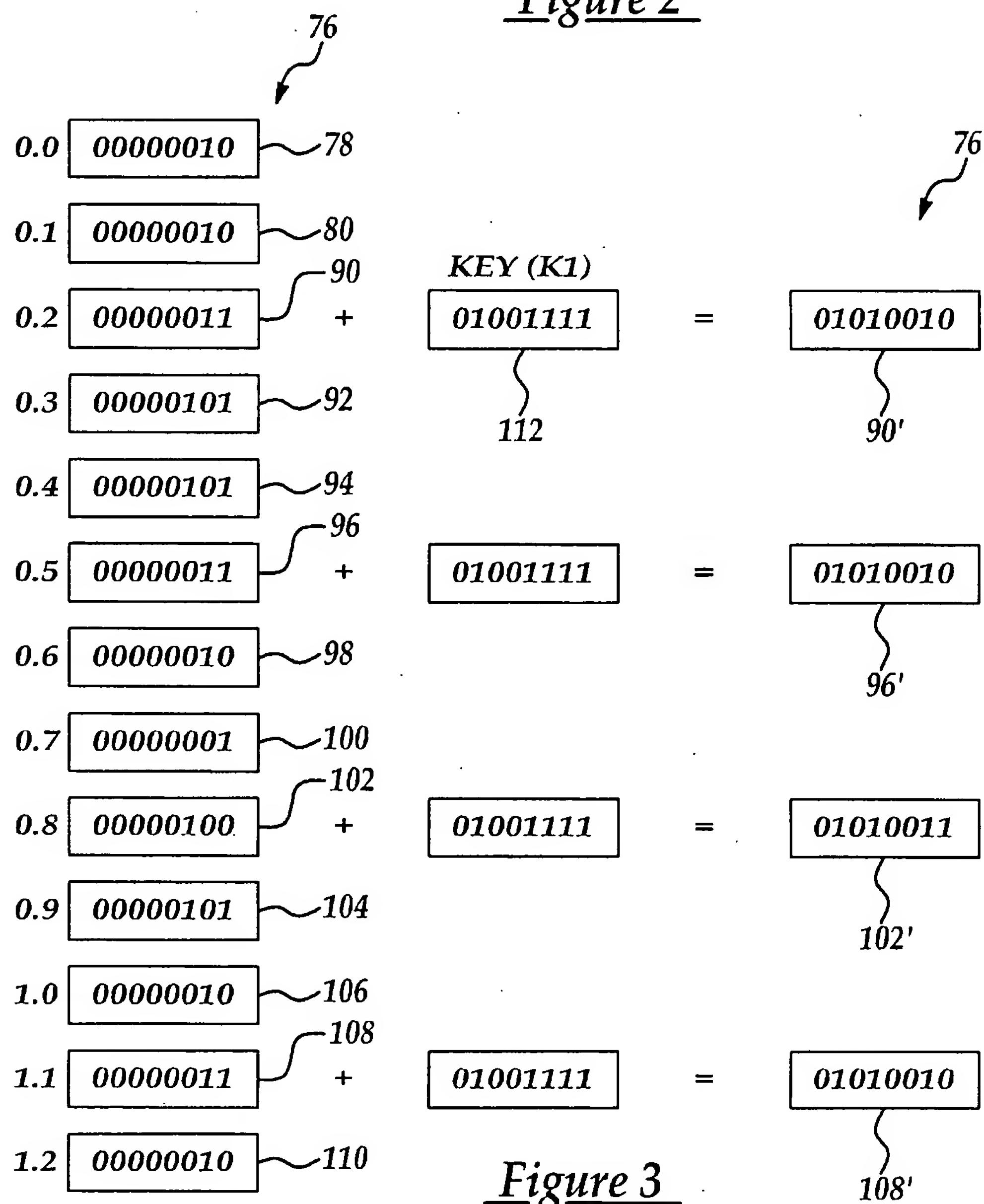


Figure 3

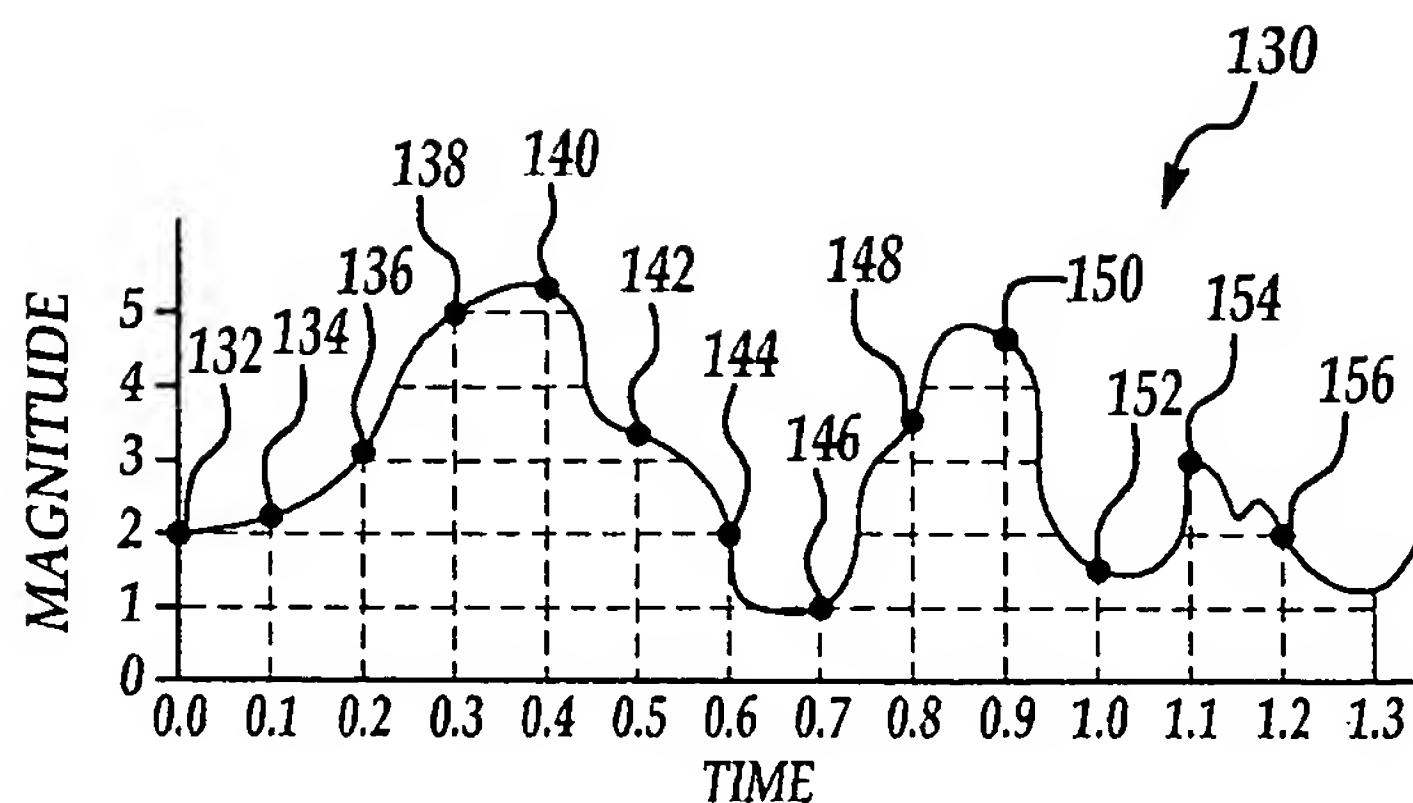
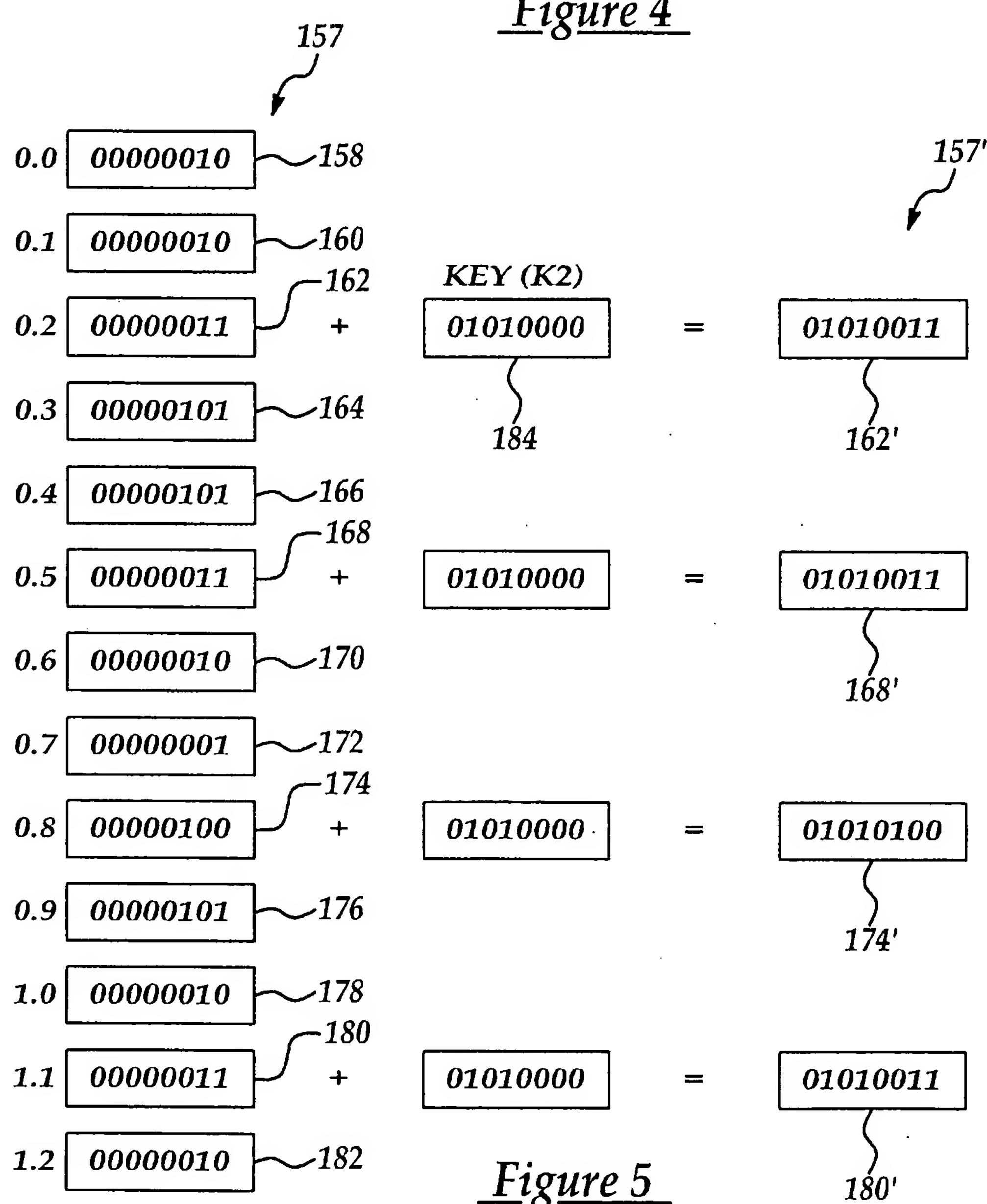


Figure 4



ATM CELL STRUCTURE FOR DATA MESSAGE

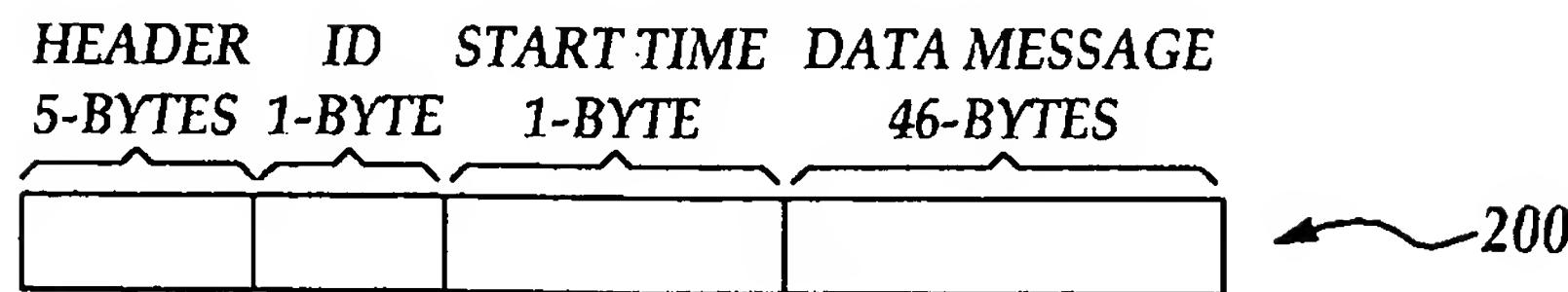


Figure 6

ATM CELL STRUCTURE FOR KEY MESSAGE

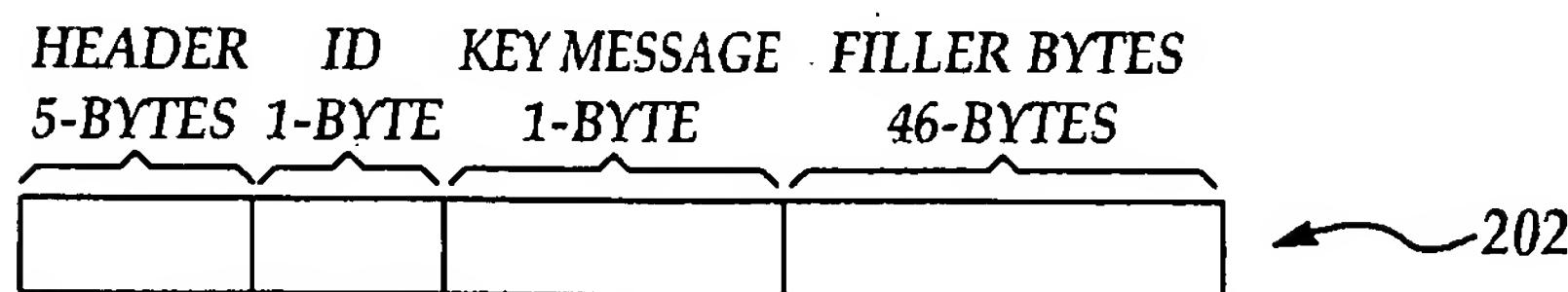


Figure 7

ATM CELL STRUCTURE FOR DATA MESSAGE AND KEY MESSAGE

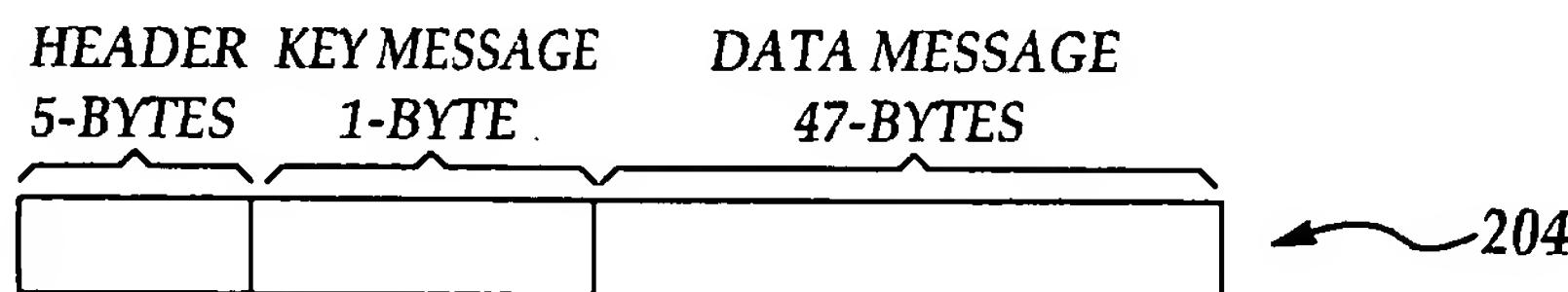


Figure 8

CALCULATION OF FIRST MODIFICATION KEY VALUE (K1) FOR FIRST DATA MESSAGE

MONTH	DAY	YEAR	HOUR	MINUTE	=							
12	+	18	+	03	+	16	+	29	=	78	=	01001110
										+	00000001	VOICE
											SAMPLE	
										01001111	KEY (K1)	

Figure 9

CALCULATION OF SECOND MODIFICATION KEY VALUE (K2) FOR FIRST DATA MESSAGE

MONTH	DAY	YEAR	HOUR	MINUTE	=							
12	+	18	+	03	+	16	+	30	=	80	=	01001111
										+	00000001	VOICE
											SAMPLE	
										01010000	KEY (K2)	

Figure 10

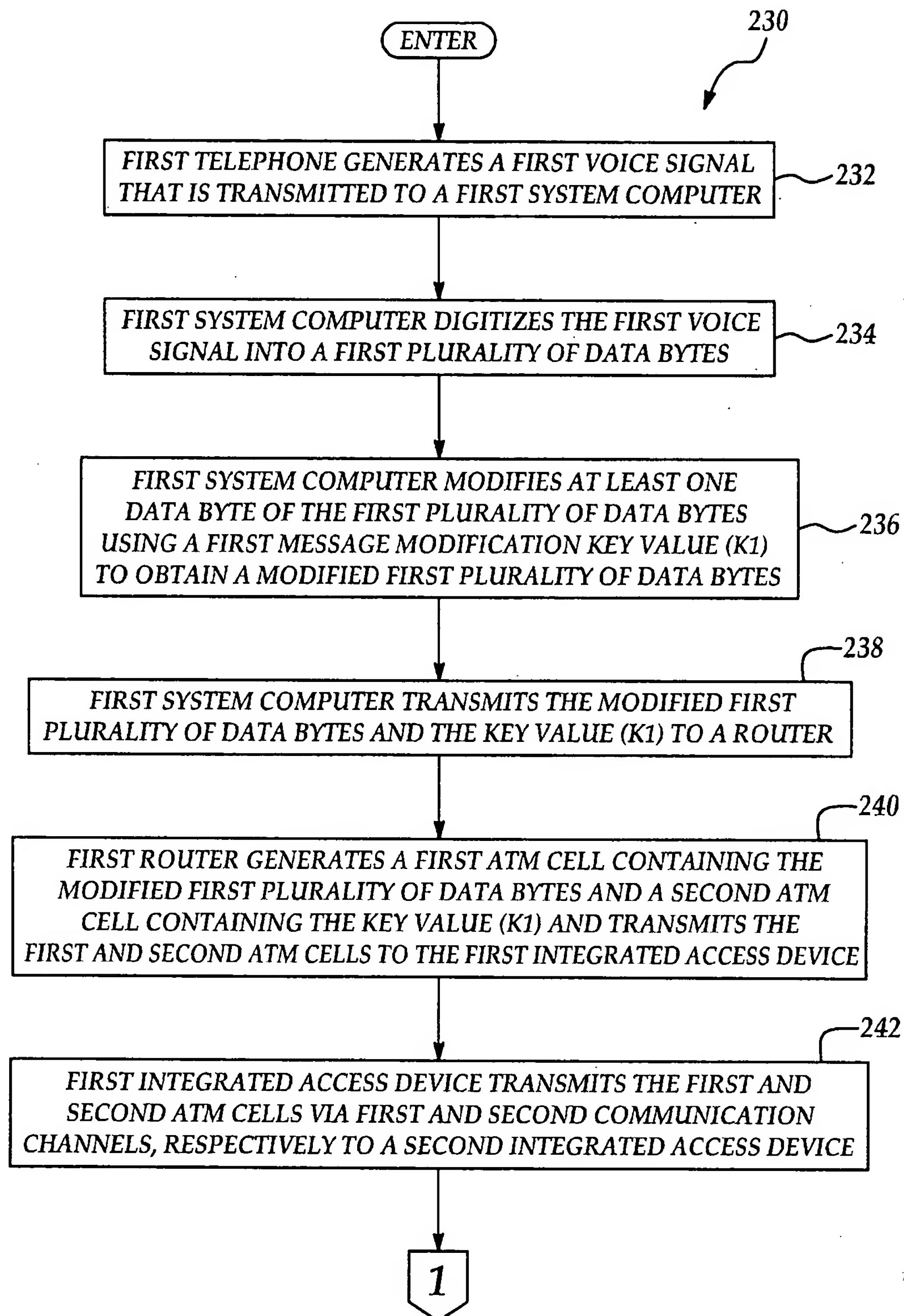


Figure 11A

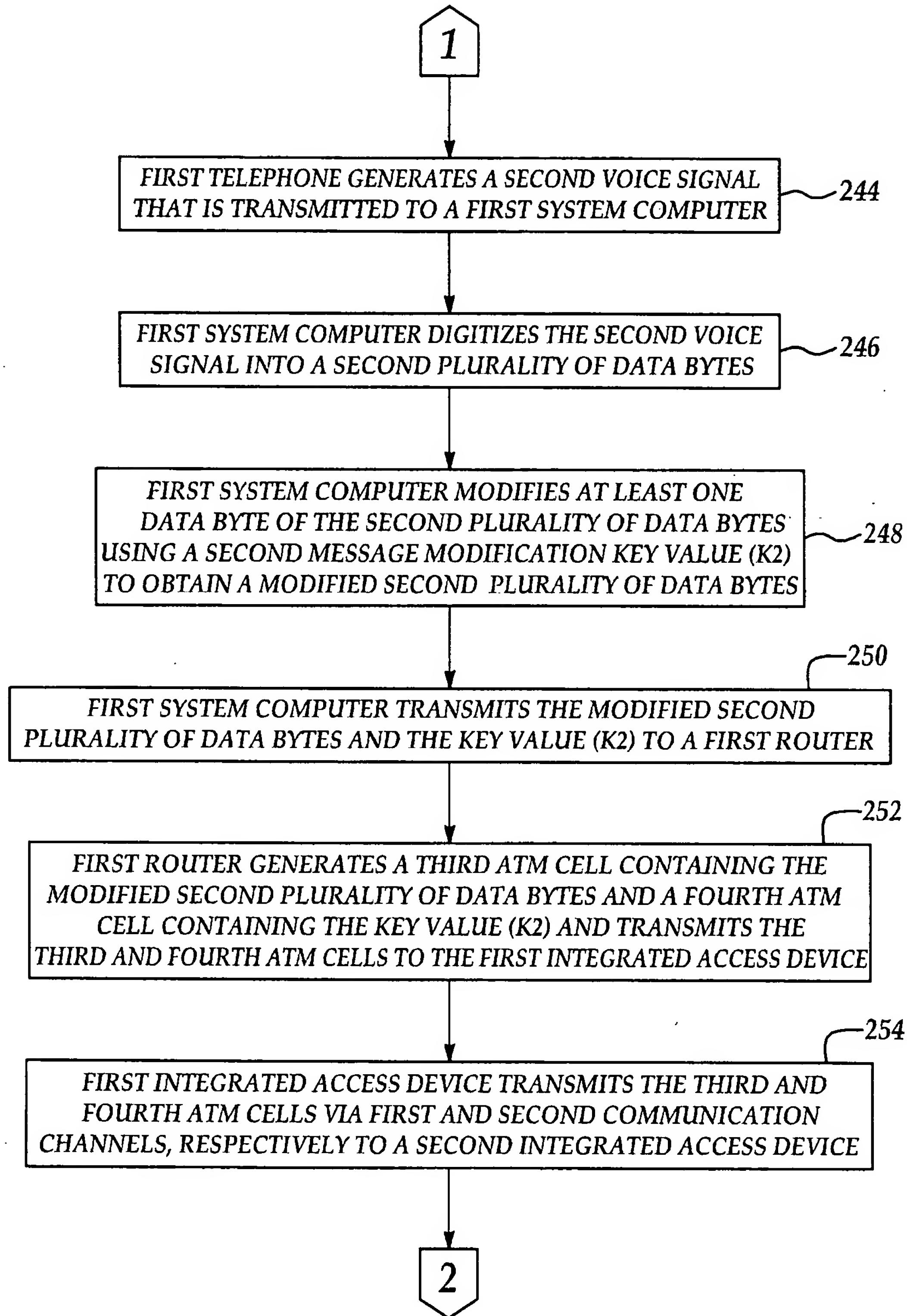


Figure 11B

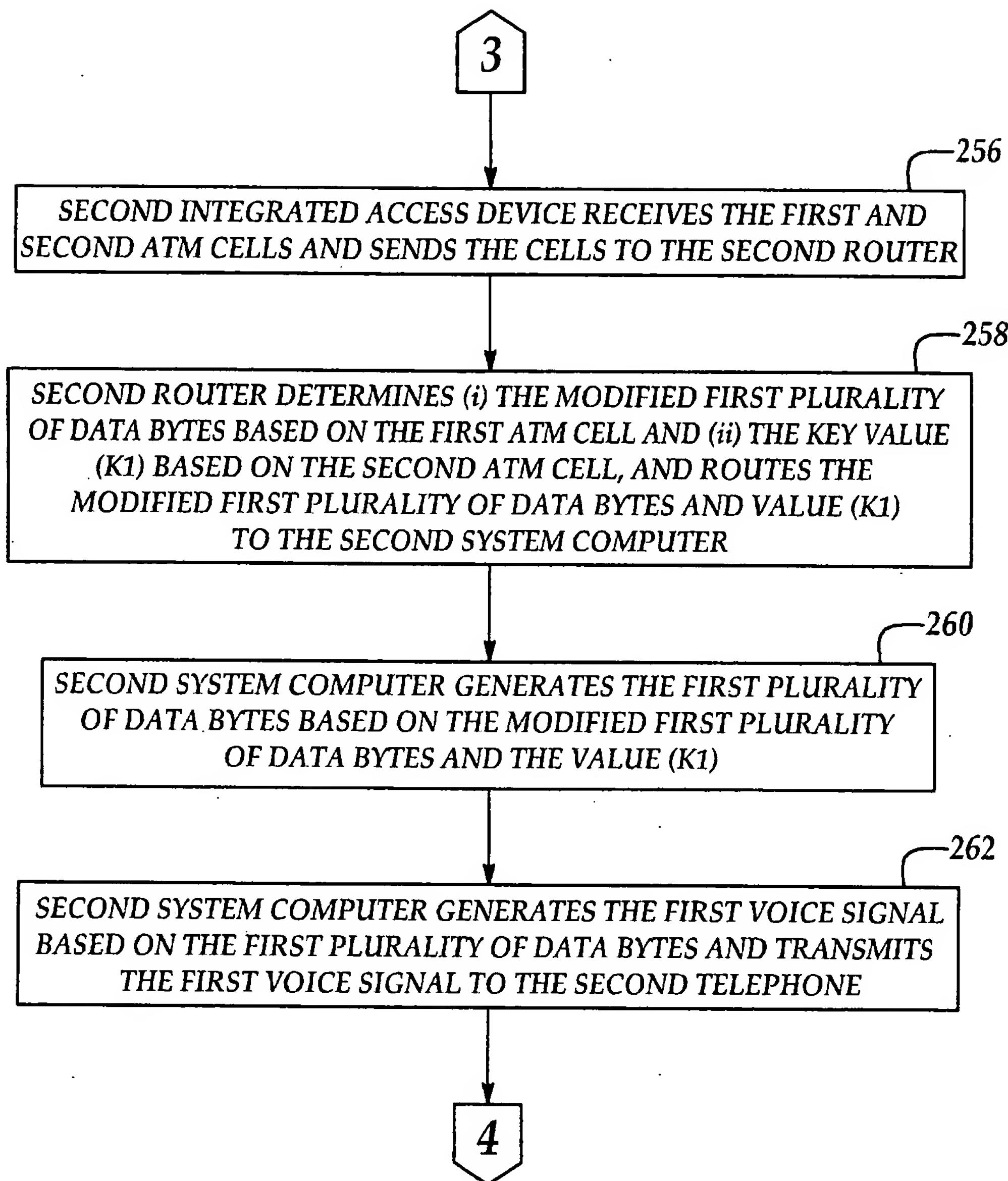


Figure 11C

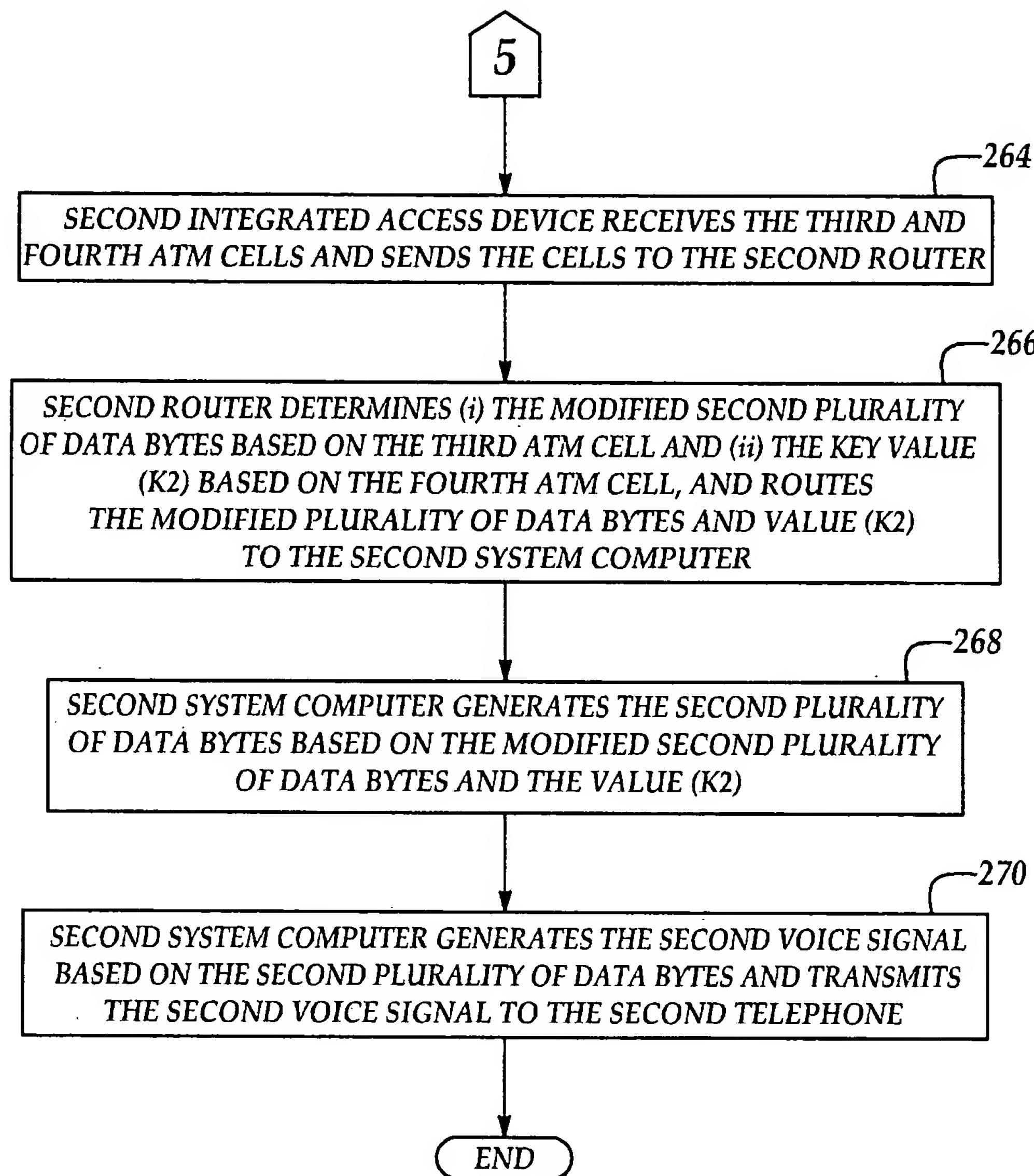


Figure 11D